

(DC-4544)

The Experience of Observations With Highly-Damped
Gravimeters in an Airplane and Helicopter, by
Ye. I. Popov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, No 8, 1960,
pp 1216-1219.

JPRS 6295

Sci - Geophys

Dec 60

134,403

Measurements at Sea With the 'GAL' Gravimeter, by
Ye. I. Popov, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12,
1959, pp 1793-1798.

IGC 108

Sci - Geophys
May 60

116,637

(1948-H)

New Experimental Data on Creep of Hullpoint
Quartz Gravimeters Based on the Use of The
Elastic Properties of Twisted Thread, by Ye. I.
Popov, 19 pp.

RUSSIAN, PER, Iz Ak Nauk SSSR, Ser Geologicheskaya,
Moscow, 1958, pp 655-663.

JPRS L-655-H

Sci - Geophysics
Mar 59

82,649

(REV. 10/12/61)
Vibrational Spectra of Organo-Phosphorus Compounds,
by Ye. M. Popov, M. I. Kabachnik, L. S. Mayanus,
39 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 7, 1961,
pp 846-876.

JPRS 11033

Sci - Chem

176,407

Dec 61.

Popov, Ye. P.

THE INFLUENCE OF OSCILLATORY DISTURBANCES ON THE STABILITY AND DYNAMIC CHARACTERISTICS ON NON-LINEAR AUTOMATIC SYSTEMS (Vliyaniye Vibratsionnykh Pomekh na Ustoichivost i Dinamicheskiye Kachestva Nelineinykh Avtomaticheskikh Sistem). Apr 61 [18]p. 4 refs. RTS 1749.

Order from OTS or SLA \$1.60

61-19793

Trans. of Akademiya Nauk SSSR. Otdeleniye T[ekhnicheskikh Nauk]. Izvestiya: Energetika i Avtomatika, 1959, no. 4, p. 97-105. 9094393

DESCRIPTORS: *Automatic volume control, Stability, Oscillation.

Unlike the linear systems, introduction of oscillation in the useful signal may change substantially the gain of the non-linear useful signal link. As a result of this, the expected static and dynamic characteristics (Engineering--Electronic, TT, v. 6, no. 3) (over)

61-19793

- I. Popov, Ye. P.
- II. RTS-1749
- III. Department of Scientific and Industrial Research (Gr. Brit.)

Office of Technical Services

Approximate Methods for Analyzing Non-Linear
Automatic Systems, by Ye. P. Popov, N.P. Pal'tov,
984 pp.

RUSSIAN, EShK, Priblizhennye Metody Issledovaniya
Nelineynykh Avtomaticheskikh Sistem, Moscow,
1960, pp 1-792. 9679829-V

FID-IT-62-910

Sci-Engr, Phys
Mar 63

123,654

Investigation of ~~Self~~ Self-Oscillating Systems
With Logical Devices, by Ye. P. Popov, 11 pp.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR,
Otdeleniye Tekhnicheskikh Nauk Energetika i
Avtomatika, No 4, 1962, pp. 116-121.

JPRS 15762

215,779

~~Sci~~
Sci-Engr
Oct 62

Theory of Vibration Smoothing of Non-Linear
Characteristics of Automatic Control Systems, ~~and~~
(a) Smoothing by Means of Auto-Oscillations, by
Ye. P. Popov.

RUSSIAN, per, Automatic Control and Computer
Technique, ~~Lytkin~~ No 2, pp 104-138.

DSIR LLU M. 2381

Sci

Oct 6h

On the Use of the Harmonic Linearization
Method in the automatic Control Theory, by
E. P. Popov, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVI, No 2, 1956, pp 211-214.

NACA TM 1406

Sci - Physics
Feb 1957/CTS

43,885

On the Approximate Study of Self and Forced
Oscillations in Nonlinear Systems, by E. P. Popov,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 5, 1954, pp 943-946.

Morris D. Friedman
#3.00 P-114

CIA/RDD/X-1543

Scientific - Mathematics Jan 55 CTS

20,898

Self Oscillations of High Order Nonlinear Systems
With Slowly Varying External Action, by S. P.
Popov, 6 pp.

RUSSIAN, thrice-monthly, Dok Ak Nauk SSSR,
Vol. XCVIII, 1954, p 545-547

Morris D. Friedman
P-116 \$3.00

USSR
Scientific - Physics

CTB 65/Feb 55

21,310

Improvement of the First Approximation in
in Studying Self-Oscillations of High Order
Nonlinear Systems, by E. P. Popov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XXVIII, 1954, p 345-348

Morris D. Friedman
P-115 \$3.50

USSR
Scientific - Physics

CTS 65/Feb 55

21,317

The Dynamics of Automatic Control Systems,
by Ye. P. Popov, 18 pp.

BR,
RUSSIAN, /Dinamika sistem avtomaticheskogo
regulirovaniya, Moscow, 1954, pp 3-7, 8-10,
796-798.

CIA/FDD/X-1928

USSR

Sci • Engineering

S-864

29,270

Is Officer Sukhorukov Right in Everything, by Ig. v
Popov, 6 pp.

RUSSIAN, per, Vest Voz Flota, No 11, 1959, pp 22-25
CIA 654644

ATIC

USSR

Military

Jul 60

120,515

(DC-6562)

Working Africa Will Be United, by Yu. Popov, 10 pp.

RUSSIAN, per, Aziya i Afrika Segodnya, No 5,
1961, pp 8-10.

JPRS 12181

XXXX NR/A - Africa
Pol
Feb 62

182,382

Ironmaking, by A. P. Popov, Yu. A. Popov.

RUSSIAN, par, ~~Stal'~~ Stal', Vol XIV, Nov 1954,
pp 975-983.

BIBI 3245

Sci - M/M
Jul 63

235,714

Popov, Yu. A.
SYSTEMATIC POSITION AND IDENTIFICATION OF
THE JURASSIC AQUATIC HEMIPTERA BELONGING TO
THE GENUS KARATAVIELLA (K Sistematicheskomu
Polozheniyu i Poznaniyu Yurakikh Predstavitelei Vodnykh
Polzhashto-krylykh Roda Karataviella). Nov 63, Sp 9 refs
Order from AGI \$5.00 in International Geology Review,
v. 5, no. 11, p. 1496-1500

Trans. of Paleontologicheskii Zhurnal] (USSR) 1962,
no. 1, p. 105-110.

DESCRIPTORS: *Paleontology, Taxonomy, Ecology,
*Hemiptera, Biology, Geology.

Adults and nymphs of a Jurassic notonectid are described
and their evolutionary and paleoecologic significance are
discussed. (AGI Abstract)

(Biological Sciences--Geology, TT, v. 11, no. 11)

TT-63-1771J-11 (p. 1496-1500)

I. Popov, Yu. A.
II. American Geological Inst.,
Washington, D. C.

104955

Office of Technical Services

Thermal Processes in Junction Transistors, by
Y. A. Popov, 10 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 1, 1960,
pp 72-77.

PP

Sci1

Oct 60

130,649

Smelting Blast-Furnace Ferrosilicon with Oxygen-
Enriched Blast, by Yu. A. Popov, 3pp

RUSSIAN, per, Metallurg, No 12, 1959, pp 3-5

Acta Metallurgica

Sci
May 61

152,397

Wear of Blast-Furnace Carbon Hearth Pads, by Yu. A.
Popov, V. I. Markin, 3 pp.

RUSSIAN, per, Stal, No 11, 1959, pp 982-984.

BISI

Sci

May 60

116,963

Calculation of Discharge Repetition Frequency
in Electrical Ignition Systems, by M. V.
Gutovskii, Yu. A. Popov, 21 pp.

RUSSIAN, bk, Voprosy Elektroavtomatiki i
Elektrooborudovaniya Samoleta, Moscow,
1962, pp 60-77.9683140

FTD-TT-63-145

Sci-Electronics
Jun 63

232,423

SOLUTION OF THE FUNDAMENTAL DIFFUSION EQUATION FOR
COSMIC RAY PARTICLES EMITTED BY A CONSTANT ENERGY
CONCENTRATED PULSED SOURCE, BY YU. A. POPOV, 6 PP.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXI,
No 1, 1956, pp 80-85.

Amer Inst of Physics
Soviet Physics, JETP
Vol IV, No 1

Sci - Physics
Apr 57 OES

46,724

Experimental Operation of a Large Volume Blast
Furnace, by M. Ya. Ostroukhov, V. I. Kholoskov,
Yu. A. Popov, ~~5 pp~~ 5 pp.

RUSSIAN, per, Metallurg, No 12, 1960, pp 4-9.

Acta Metallurgica

Sci

Jan 62

179, 058

62
Average Heat Capacity of Solid $\text{Fe}_2\text{O}_3 - \text{Al}_2\text{O}_3$
Solutions at Heightened Temperatures, by Yu.
G. Popov, 4 pp.
RUSSIAN, part, Leningrad, Universitet. Vestnik.
Seriya Fiziki i Khimii, No 1, 1964, pp 162-164.
F100060068-V
FTD-ME-64-358

Sci-Chem
Apr 68

Yu. G. Popov

352.313

49
Building Logic Circuits from Thin Ferro-
magnetic Films with a Cylindrical Backing.
by Yu. A. Popov, A. P. Klarin, 7 pp.
RUSSIAN, rpt. Vsesoyuznoye Soveshchaniye po
Magnitnyy Elementam Avtomatiki i Vychislitel'noy
Tekhnike, 10th. Kazan, 1960. Trudy Soveshchaniya.
Moscow, Izd-vo Nauka, 1964.
AIR/FTD/RT-24-21-24

Characteristics of Cathodoluminescence at
High Excitation Densities, by Yu. M. Popov,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 3, 1961, pp 405-407.

CTT

Sci

May 62

197,610

Generation of Coherent Light Using Solid
Bodies, by N. G. Basov, O. N. Krokhin, Yu. M.
Popov, 14 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 3, 1961,
pp 61-66.

JPRS 9565

Sci - Phys

Jul 61

160,378

Use of Indirect Transitions in Semiconductors for the
Determination of States with Negative Absorption
Coefficients, by N. G. Basov, O. N. Krokhin, Yu. M.
Popov, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL, No 4,
1961, pp 1203-1209.

AIP
Sov Phys - JETP
Vol XIII, No 4

169,506

Sci

Sep 61

Generation, Amplification, and Detection of Infrared
and Optical Radiation by Quantum-Mechanical Systems,
by N. G. Basov, O. N. Krokhin, Yu. M. Popov,
27 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXII, 1960,
pp 161-209.

RIP

Soviet Phys - Uspekhi
Vol XII, No 5

Sci - Phys

Apr 61

147,178

Influence of Fast Electrons on the Light Sum
Stored in Cathodoluminescence, by Yu. M. Popov,
3 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 5,
1959, pp 697-702.

OSA

Sci

Apr 61

149,775

Switching-Down Time of Nonequilibrium Current Carriers
in Semiconductors, by O. N. Kroshin, Yu. M. Popov, 3 pp.

RUSSIAN, per, Zhur Moser i Teoret Fiz, Vol XXXVIII,
No 5, 1960, pp 1589-1592.

AIP
Sov Phys-JETP
Vol XI, No 5

Sci
Dec 60

135,493

The Influence of Non-Radiative Recombination
on Saturation during Cathodoluminescence, by
Yu. M. Popov, V. P. Shabanskii, 5 p.

RUSSIAN, per, Optika i Spektroskopiia, Ak Nauk
SSSR, 1959, Vol VI, No 6, pp 769-775.

Opt Society of Amer

Sci
Jan 60

105,097

Dependence of Stored Light-Sums at Levels of
Various Depths on the Excitation Density, by
Yu. M. Popov, 3 p.

RUSSIAN, par, Optika i Spektroskopiia, Ak Nauk
SSSR, 1959, Vol VI, No 6, pp 764-768,

Opt Society of Amer

Sci
Jan 60

105 096

Some Early Triassic Rhaenoids From the Northern
Caucasus, by Yu. N. Popov. 6 pp.
RUSSIAN, per, Paleontologicheskii Zhurnal, No 3,
1962, pp 40-46.
AGI in International Geology Review, V.6, No 4,
pp 700-705

Yu. N. Popov

Sci/Earth Sci
May 67

326,766

Capture Cross Sections in Construction Materials
for Neutrons With Energies up to 50 keV,
by S. P. Kapchigashev, Yu. P. Popov, 7 pp.
RUSSIAN' per, Atom Energiya, Vol XV, No 2,
1963, pp 120-125.

CB

Sci
Jun 64

262,314

Capture Cross Sections for Neutrons With
Energy to 50 kev Several Structural Materials,
by S. P. Kapchigashen, Yu. P. ~~Popov~~ ^{Yu. P. Popov}, 12 pp. POST
RUSSIAN, per, Atomnaya Energiya, Vol XV, No 2, EDITED
1963, pp 120-126. 9693193

FTD-MT-684-171
GOV'T USE ONLY

Sci - Nucl Sci
Jul 64

263,704

Cross Sections for Radiative Capture of Neutrons
With Energies up to 50 KeV by La^{139} , Pr^{141} ,
 Ta^{181} , and Au^{197} , by V. A. Konks, Yu. P. Poyov, et al
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLVI,
No 1, 1964, pp 80-88.

Amor Inst of Phys
Sov Phys - JETP
Vol XIX, No 1

Sci-
Aug 64

~~XXXXXX~~ 265,243

Energy Dependence of Cross Sections for (n,γ)
Reactions on a Number of Odd-Z Nuclei, by Yu. P.
Popov, F. L. Shapiro, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII,
No 4, 1962, pp 988-1000

AIP
Sov Phys - JETP
Vol XV, No 4

Sci
Sep 62

214,945

Analysis of Averaged Cross Sections for Neutron
Capture

By Yu. P. Popov and Yu. I. Fenin pp 7

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIII,
No 6, 1962, pp 2000-2007

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 6

Sci

340, 616

Jul 63

Analysis of Average Neutron Capture Cross-
Sections, by Yu. P. Popov, Yu. I. Fenin.

RUSSIAN, Joint 9203656 Institute of Nuclear
Investigations Nuclear Phys Lab, 1962
9203656 AEC-Tr-5569

Sci - Nucl Sci and Tech

Mar 63

226,556

Gating a Photomultiplier by Means of Microsecond
Pulses, by A. N. Volkov, A. M. Klabukov, Yu. P.
Popov, 3 pp.

RUSSIAN, per, Priboiy i Tekh Eksp, No 2, 1960,
pp 68-73.

(71)

ISA

Sci

Feb 61

144,166

Cross Section of the Reaction $\text{He}^3(n,p)$ for the
Neutron Energies up to 25 kev (kilo electron Volt)
and the Excited He^4 Level, by A. A. Bergman, A. I.
Isakov, Yu. P. Popov, F. L. Shapiro, 10 pp.
UNCLASSIFIED

RUSSIAN, Phys Inst of P. N. Lebedev, Acad of Sci
USSR,

AEC/SCL-T-151.

Sci - Nuc Phys

Feb 58

58,095

The Maturation of Reticulocytes, by Yu. P.
Popov, 5 pp.

RUSSIAN, por, Problemy Gematologii i Perel
Krovi, Vol II, No 5, 1957, pp 32-35.

Pergamon Press

Sci - Med

Sep 58

73,042

Measurements With a Slowing-Down-Time Neutron Spectrometer
Employing Lead. Excited Level of the He^4 Nucleus, by
A. A. Bergman, A. I. Isakov, Yu. P. Popov, F. L. Shapiro,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII, No 1,
1957, pp 9-16.

Amer Inst of Phys
Sov Phys-JETP
Vol VI, No 1

62,765

The Rate of Maturation of Reticulocytes in Normal
and Different Physiological and Pathological
conditions (Survey of the Literature), by Yu. P.
Popov, 8 pp.

RUSSIAN, per, Problemy Gematologii i Perelivaniya
Krovi, Vo, IV, No 4, 1959, pp 45-49.

Pergamon Press

Sci

Dec 59

103651

Quantitative estimation of the production of red cells by the bone marrow (Preliminary communication), by Yu. P. Popov, 7 pp.

RUSSEYAN, per, Problemy Gematolog i Perelivaniya Krovi, Vol IV, No 6, 1959, pp 13-18.

Pergamon Press

Sci

Mar 60

109,963

Angular Anisotropy in $\pi^+-\mu^+-e^+$ Decay Observed in
a Propane Bubble Chamber, by A. I. Alikhanian,
V. O. Kirillov-Urgiumov, I. P. Kotenko, E. P.
Kuznetsov, Yu. S. Popov, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1101-1109.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

Sci - Phys
Dec 58

77,514

Geodetic Light Range Finders of the State
Optical Institute Equipped with Interfer-
ence and Diffraction Light Modulators, by
Yu. V. Popov, 28pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii Geodeziya i Aerofotos "emka, No 2,
1957, pp 55-71.

CPSTI TT-64-19736,

Yu. V. Popov

322,590

Sci - Physics
Mar 67

Application of Barium Titanate Piezoceramic for
Studying Ultrasound in Diffraction-Type Light
Modulators, by I. I. Adrianova, Yu. V. Popov,
9 pp.

RUSSIAN, par, Akust Zhur, Vol VI, No 2, 1960,
pp 162-170.

AIP
Sov Phys Acoustics
Vol VI, No 2

195,455

May 62

The Small GDM Geodimeter-Type Instrument, by
Yu. V. Popov, I. I. Adrianova, I. A. Korolev,
4 pp.

RUSSIAN, per, *Neodes* i Kartag, No 4, 1961,
pp 7-13.

AGU

Sci

Mar 62

186,082

A Phase Detector Using a Mixer Tube and Phase
Modulation, by Yu. V. Popov, 6 pp

RUSSIAN, per, Pribury i Tekh Eksper, No 3, 1960,
pp 77-81

IBA

Sci-
Feb 61

142,370

Light Modulator for Phase Optical Distance-
Measuring Instruments, by Yu. V. Popov, I. I.
Adrianov,

RUSSIAN, per, Iz Vysshikh Ucheb Zaved:
Geddeziya i Aerofotos'emka, No 1 - A, 1959,
pp 49-75. *Call No GL B-275.2215.*

AMS

Sci & Eng

Jun 61

154,533

Diffraction Modulator of Light With Several Ultra-
sonic Counterradiators, by Yu. V. Popov, I. I.
Adrianova, 3 pp

RTSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 4,
1960, pp 813-816

AIP
Sov Phys - Doklady
Vol V, No 2

Sci
Nov 60

132, 736

123
Growth of Chromium Oxide Single Crystals by
the Verneuil Method, by A. A. Popova.
RUSSIAN, per, Rost Kristallov, Ak Nauk SSSR,
Vol IV, 1964, pp 148-150.
•AEC

Sci-Phys
Aug 65

Relation of Color Reproduction to the Spectral
Distribution of the Colorsensitivity of the Layers
of Negative Multilayer Films, by Yu. N. Gorokhovskii,
K. B. Popova, 9 pp.

RUSSIAN, per, Uspekhi Nauch Foto Akad Nauk SSSR,
Otd Khim, Nauk, Vol VIII, 1962, pp 146-154.

CIA/FDD XI-1466
No Foreign Dissem

Sci - Physics
Dec 63
USIB Internal Use Only

243,537

Colorimetric Determination of Iron Carbide in
Steel, by Popova, Zaslavskaya. UNCLASSIFIED

RUSSIAN, no per, Zavod Lab, Jan 1958, pp 26-29.

Henry Bratcher Tr 4.2.64

Sci - Chem; Min/Metals
May 58

63,456

Analysis of the Carbide Phases in Steel, by
Popova. UNCLASSIFIED

RUSSIAN, handbook, The Metallurgy and Heat Treatment
of Steel and Cast Iron, Chap XI, 1957, pp 116-118.

Co-op Tr Scheme
Tr 905

Sci - Min/Met
Jun 58

64,694

Synthetic Manufacture of Urea^Y From Ammonia
and Carbonic Acid, by B. Bolotov, A. Popova,
1 pp.

ITALIAN
FRENCH, per, Giornale de Chimica Industriale
ed Applicata, Vol XVI, No 12, 1934, pp 607.

S.L.A. Tr 422/1956

Sci - Chemistry

35,570

Jun 1956

Potentiometric Study of the Reaction of Gelatin With
Tanning Materials, by A. Pasyunsky, A. Popova, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI,
No 5, 1951, pp 711-714.

CIA/WDD/X-1169

Scientific - Chemistry
CRZ/DIX

8501

Interaction of Gelatin With Vegetable Tanning Agents,
by A. Pasyansky, A. Popova, 7 pp.

Full translation.

RUSSIAN, per, Zhur Prii Khim, Vol XXIV, No 11,
Nov 1951, pp 1191-1195.

Consultants Bureau

USSR

Chemical
Scientific - Chemistry, gelatin, agents

1915

Interaction of Gelatin With Mineral Tanning Agents,
By A. Popova, A. Pasynsky, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXV, No 1, USSR,
Jan 1952, pp 18-23.

Consultants Bureau Vol 25, No 1, Jan 1952

USSR

Scientific - Chemistry, gelatin, minerals, tanning, ~~agents~~
agents

A-8955

The Orientations of Monocrystals of Certain
Ferrites, by A. A. Popova, 3 pp.

RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 84-87, CIA QD 921.56 1956P.

Consultants Bureau

Sci - Chem

Apr 60

114,214

Developmental Stages of the Vobla in the
Southeastern Caspian Rutilus Rutilus Caspicus
(Jak.), by A. A. Pogova, 16 pp
RUSSIAN, per, Voprosy ikhtiologii, Vol 4, No 4,
(33), 64, pp 644-657.
JPBS 29452

USSR
Sci-B/M
Apr 65

277,640

Quantitative Determination of Chlorophylls A and
B Using Paper Chromatography, by D. I.
Sapozhnikov, A. N. Mayevskaya, I. A. Popova,
4 p.

RUSSIAN, per, Fiziolog Rasteniy, Vol VI, No 3,
1959, pp 376-379.

AIBS

Sci
Jan 60

106,045

g-5245

(NY-2663).

Electro-Sleep Therapy of Arterial Hypertension,
by G. K. Lavskiy, Ye. N. Kornopelova, A. A.
Popova, L. P. Kolpashchikova, 12 PP.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXI,
No 4, Moscow, 1959, pp 62-69.

JPRS-1838-N

Sci - Med - physiology
Aug 59

43, 75

The Preparation of Single Crystals of Ferrites by
the Verneuil Method, by A. A. Popov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 3,
1958, pp 453-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 59

91,951

The Preparation of Uniaxial Crystals of
Synthetic Corundum, by N. Y. Mikornikova
and A. A. Popova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No
3, 1956, pp 460, 461.

SLA/ATS-43J17R

Sci

Jul 58

Assoc Tech Serv
68,433

The Characteristics of Non-Agglutinating Dysentery
Bacteria, by E. A. Vasina, A. I. Popova, 5 pp.

RUSSIAN, no per, Zhur Microbiol, Epidemiol i
Immunobiol, Vol XVIII, No 4, 1957, pp 101-105.

Pergamon Press

Sci - Medicine
Jan 58

57,262

Popova, A. I., Vasyutinskaya, L. A., and
Penenkov, B. L.
TWO CASES OF SYSTEMIC SCLERODERMA. [1963]
[13p] Grefa FASEB Manuscript no.: S 201-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24480
figs. available on loan from OTS
Trans. of Sovetskaya Meditsina (USSR) 1963, v. 26,
no. 1. p. 120-122.

DESCRIPTORS: *Scleroderma, Skin, Diseases,
Collagen.

(Biological Sciences--Pathology, TT, v. 11, no. 6)

TT-63-24480

- I. Popova, A. I.
- II. Vasyutinskaya, L. A.
- III. Penenkov, B. L.
- IV. FASEB-S-201-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

1573843

Office of Technical Services

The Temperature Regime of Leaves of
Tajikistan Plants, by L. G. Drogstova,
A. I. Popova.
RUSSIAN, per, Al'manakh Nauch Tadzhikskoi
SSSR, Dushanbe Otdel Fiziologii i Biokhimi
Nauchii, Issledovaniiskii Sbornik, No 3,
1963, pp 29-40.
CPRT 22-65-6436

A. I. Popova

Sci-HUM
June 66

303,516

An Investigation of the (n, α) and (n, t) Reactions
in Be^9 , by S. S. Vasil'yev, V. V. Komarov, A. M.
Popova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958,
pp 914-917.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,894

On the Mechanism of Stripping in Reactions Involving
the Capture of Two Nucleons, by V. V. Komarov, V. G.
Neudachin, A. M. Popova, I. B. Teplov, 7 pp.

RUSSIAN, per, Zhur Ekspier i Teoret Fis, Vol XXIV,
No 4 (10), 1958, pp 974-977.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII (35), No 4

Sci - Phys
Apr 59

83, 945

Investigation of the Spectra of Neutrons Emitted
in the Disintegration of Deuterons by Protons, by
V. V. Komarov, A. M. Popova, 3 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XXXVIII,
No 5, 1960, pp 1559-1563.

AIP
Sov Phys-JETP
Vol XI, No 5

Sci -
Dec 60

135,488

Possibility of Application of the $(n, 2n)$ Reaction
in Nuclear Spectroscopy, by V. V. Komarov, A. B.
Kurepin, A. M. Popova, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVIII, No 6, 1960, pp 1824-1828.

AIP
Sov Phys-JETP
Vol XI, No 6

Sci

141,343

Mar 61

An Antigen for the Ornithosis-Psittacosis Complement-
Fixation Test, by C. I. Chervonskiy, A. M. Popova,
3 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 1,
1959, pp 63-71.

Pergamon Press

Sci

May 60

118,1026

Dissociation of C^{12} Into Three Alpha Particles
Induced by Fast Neutrons, by S. S. Vasil'yev,
V. V. Komarov, A. M. Popova, 3 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol
XXXIII, No 6(12), 1957, pp 1321-1324.

Amer Inst of Phys
Sov Phys-JETP
Vol 6 (33), No 6

Sci - Physics
Aug 58

69, 691

The Synthesis of Ammonia-Urea Liquor in Large-Scale Continuous Laboratory Apparatus. II, by B. A. Bolotov, V. R. Leman, A. N. Popova, 8 pp.

RUSSIAN, Sper, Zhur Khim Prom, Vol XIV, 1937, pp 707-710.

SLA R-2916

Sci

Jul 59

92, 581

The Synthesis of Urea from Ammonia and Carbon Dioxide, by B. A. Bolotov and A. N. Popova, 17 pp.

RUSSIAN, per, Zhur Khim Prom, No 9, 1934, pp 32-38.

SLA R-2284

Sci

Aug 58

72,402

60
Utilizing Carbon Monoxide Produced in the Electro-
thermal Volatilization of Phosphorus, by B. A. Dolgov,
B. A. Belotov, A. N. Popova, 16 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VI, 1933, pp
470-478.

SLA R-3314

Sci

Aug 59

93, 536

Purification and Conversion of the Gas
Obtained in the Electrothermal Volatiliza-
tion of Phosphorus, III, by B. N. ~~BOLOTOV~~
B. A. Bolotov and A. N. Popova, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VII,
1934, pp 497-502.

SLA R-2212

Sci

Aug 58

72,124

12
The Synthesis of Urea from Ammonia and Carbon
Dioxide in the Presence of Excess Ammonia,
by B. A. Bolotov, A. N. Popova and Y. K.
Sokolova.

RUSSIAN, per, Zhur Khim Prom, Vol XIV, 1937,
pp 631-636.

SLA R-2301

Sci - Aug 58

72,403

The Determination of Chloride and Thiocyanate in Coal Tar, by S. G. Faingol'd, A. S. Popova.

RUSSIAN, per, Koks i Khim, 1957, pp 47, 48.

Consultants Customs Tr

EST-523B

\$10.50

Sci - Chem

Mar 59

83,247

The Influence of Ether Anaesthesia and Glucose on
the Restoration of Functions in the Higher Divisions
of the Central Nervous System in Excitable Dogs
Resuscitated After Lethal Exsanguination, by
A. I. Makarychev, A. V. Popova, et al, 9 pp.

RUSSIAN, per, Zhur Vysshy Nerv Deyatel Imeni I. P.
Pavlova, Vol X, No 4, 1960, pp 547-555.

PP

Sci
Apr 62

192,748

Suitability of the Thiosulfate Procedure for
Preparation of Zinc Sulfide for Synthesis of
Phosphorus, by M. I. Tombak, A. V. Popova,
O. F. Kozlov, A. A. Bunde', 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXXII,
No 11, 1959, pp 1349-1355.

Columbia Tech

Sci

138,328

Position of the Pole in the Permian, Triassic and
Cretaceous Periods According to the Findings of
Palaeomagnetic Studies of Sedimentary Rocks in
The Soviet Far Eastern Maritime Province Rock
Magnetism and Palaeomagnetism (A. Ya. Vlasov, editor)
by A. Ya. Vlasov, A. V. Popova.

RUSSIAN, per, Publishing House of the Siberian Div.
of the Academy of Sci. of the U.S.S.R. Krasnoyarsk
1963, pp 333-9
IMC/C-5476

A. V. POPOVA

Sci -
Aug 67

335-638

Thermoelectric Properties of the Intermetallic
Compound $MnAl_3$, by H. V. Kolomoets, E. A. Popova,
4 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1951-1955.

AIP
Sov Phys-Solid State
Vol II, No 8

Sci
Mar 61

141, 855-

Effect of Administration of Synestrol on the
Epithelium of the Uterus and Vagina of Rabbits and
Rats, by E. A. Popova, 6 pp.

Full tr

RUSSIAN, no par, Russk. Eksp. Biol. i Med., Vol. XLI,
No 2, Feb 1956, pp 66-69.

Consultants Bureau

Sci - Medicine
Encl: 86 CTS/dex

Jan 1957

42,993

Thermal Oxidation of Butadiene-Nitrile Rubbers,
by A. S. Kuzminsky, E. B. Popova, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII,
No 3, USSR, Mar 1955, pp 311-316. CIA D 270075

Consultants Bureau

Scientific - Chemistry
CTS 71/Aug 1955

26, 001

Synthesis of Certain Derivatives of Alkadiyne-
carboxylic Acids on the Basis of Diacetylene,
by E. G. Popova, L. A. Shevyakova, M. Ya. Kraft,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 6,
1959, pp 1953-1955.

Consultants Bureau

Sci - Chemistry

122,007